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MEGALINK III - HIDEBAND DIGITAL SERVICE/1.544 MBPS

Rates and Charges (Cont'd) 4.

4.3 Additional Service Features (Cont'd)

		Monthly Rate Charge	Nonrecurring Rate	<u>usoc</u>
	Central Office Multiplexing			
	1.544 mbps (DS1) to Voice (1) - Per arrangement	\$ 292.24	None	MQ1
	1.544 mbps (DS1) to 64.0 kbps (DS0) - Per arrangement	347 . 26	None	QMU
	64.0 kbps (DSO) to Subrate {2} {3} - Per arrangement			
	- Up to twenty 2.4 kbps services	185.58	None	QSU24
	- Up to ten 4.8 kbps services	361.52	None	QSU48
	- Up to five 9.6 kbps services	702.74	None	QSU96
4.4	Surcharge			
	 Per voice-equivalent channel terminated on a customer's premises {4} 	25.00	None	S25

{2}

DSO multiplexing as described above.

MegaLink I - Standard Digital Services the Digital Link Service Tariff, Section 2, or the Dataphone Digital Service Tariff. Refer to the Private Line Service Tariff, Section 1, for regulations on the application of surcharges for the distant termination of an **{4}** interexchange private line channel that may be using a derived voice channel on a Megalink III service.

For rates for analog voice or data channels used in conjunction with this multiplexing arrangement refer to the Private Line Service Tariff, Section 2. For rates for Megalink I - Standard Digital Service refer to the Digital Link Service Tariff, Section 2. For rates for Dataphone Digital Service refer to the Dataphone Digital Service Tariff. This additional service feature also requires the purchase of DS1 to DSN multiplexing as described above. {1}

For rates for digital subrate services (2.4 kbps, 4.8 kbps and 9.6 kbps) used in conjunction with this multiplex arrangement, refer to the **{3}**

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4 Rates and Charges (Cont'd)

4.5 Term Pricing Plan

4.5.1 The Term Pricing Plan provides the customer with rate stabilization and discounted tariff rates. The Term Pricing Plan provides for one, three or five year rate stabilization. Decreases in monthly recurring tariff rates will be passed on to customers who participate in a Term Pricing Plan. SWBT will notify customers participating in a Term Pricing Plan when monthly rates are decreased.

Should SWBT increase its rates during the Term Pricing Plan period, the customer would continue to pay the rates in effect at the time the customer elected to establish service under the Term Pricing Plan.

- 4.5.2 The customer may choose to terminate an existing Term Pricing Plan before the end of the one, three or five year period and negotiate a new one, three or five year Term Pricing Plan. The new Term Pricing Plan must be based upon the rates that are currently in effect and available to all customers.
- 4.5.3 The customer must provide SWBT with a written notice of intent to renew a Term Pricing Plan no later than 90 days prior to its expiration. A Term Pricing Plan may not be renewed beyond the one, three or five year commitment at the same tariff rate. If the customer elects not to renew the Term Pricing Plan, or does not notify SWBT of the customer's intent to renew the Term Pricing Plan, the service will automatically be billed under the tariffed monthly rates in effect at the time the Term Pricing Plan expires.
- 4.5.4 Any special construction charges incurred for services billed under a Term Pricing Plan will be applicable as provided for in Section 1 of this tariff.
- 4.5.5 Customers requesting the termination of a Term Pricing Plan prior to the expiration date, excluding Term Pricing Plans terminated as a result of a renegotiation, will be charged a termination charge based on a percentage of the remainder of the term as indicated below:

Term	Termination
Pricing Plan	Percentage
1 year 3 years 5 years	100% 100% for first year, 50% for each subsequent year. 100% for first year, 50% for each subsequent year.

The termination charge is calculated as follows:

Months remaining in Termination
Term Pricing Plan X Percentage = Termination Charge

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- 4. Rates and Charges (Cont'd)
- 4.5 Term Pricing Plan (Cont'd)
- 4.5.6 Customers currently subscribing to MegaLink III Service on a month-tomonth basis may convert their existing service to either a one, three or five year Term Pricing Plan. Nonrecurring charges will be waived at the time of conversion.

4.5.7 Local Distribution Channel

- Per channel terminated on a customer's premises.

	Monthly Rat	es	Nonrecurring
	1 Year 3 Years	5 Years USOC	Charge
1.544 Mbps	\$234.00 \$206.00	\$179.00 1LDP	J \$645.00

4.5.8 Interoffice Channel Mileage

- Rate per V-H mile or fraction thereof, between serving wire centers, or between a serving wire center and digital hub.

Mileage Band		ear Per Mile	Monthly Rates 3 Years Fixed Per Mile		5 Years Fixed Per Mile		USOC	
0	\$ None	\$ None	\$ None	\$ None	\$ None	\$ None	3LBNA	
Over 0	104.00	44.00	92.00	39.00	80.00	33.00	3LBNB	

4.5.9 Clear Channel Capability

- Per local distribution channel.

<u>l Year</u>	Monthly Rates <u>3 Year</u>	5 Years	USOC	Nonrecurring <u>Charge</u>
\$26.00	\$23.00	\$20.00	CLR	\$185.25

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Rates and Charges (Cont'd)

4.5 Term Pricing Plan (Cont'd)

4.5.10 Central Office Multiplexing {1}

Contrat Office Multiplexing (1)		Monthly Rates	•
1 EAA mbmm (DG1) to Voice	1 Year	3 Years	5 Years
1.544 mbps (DS1) to Voice - Per arrangement	\$248.00	219.00	190.00
1.544 mbps (DS1) to 64.0 kbps (D - Per arrangement	295.00	260.00	226.00
64.0 kbps (DS0) to Subrate - Per arrangement			
 Up to twenty 2.4 kbps services Up to ten 4.8 kbps services Up to five 9.6 kbps services 	158.00 307.00 597.00	139.00 271.00 527.00	121.00 235.00 4 57.00

Nonrecurring charges and USOC codes are the same as those listed in 4.3 {1} preceding.

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SERVICES AND RATES

Description of Services (Cont'd)

2.3 Voice Grade Service - Series 300 and 400

- 2.3.1 Series 300 local channels for voice grade service are furnished for half-duplex (voice or data use) and duplex (data use) operations for oral communications, and data communications which operate within certain technical specifications. Unless expressly provided for elsewhere, these are the only channels provided for voice grade transmission. The various types of local channels which are offered for termination in terminal equipment and systems (except as provided in 1.3) provided on a customer, authorized or joint user premises are as follows:
 - (A) Type 314 -- Furnished for tie line use between a premises PBX (or similar) switching system and a Centrex (with switching equipment located on SWBT premises) (314B); or between two Centrexes (with switching equipment located on SWBT premises) (314C). Transmission specifications for 314B channels are two-wire or four-wire interfaces with effective four-wire facilities engineered to VNL design specifications for tie line use. E&M signaling is included in the local channel.
 - (B) Type 315 -- Furnished for voice transmission, off-premises extension (Non-PBX) and off-premises Centrex (with switching equipment located on SWBT premises) station and/or extension station use.
 - (C) Type 317 -- Furnished for voice transmission, (317A) telephone answering service between concentrator and identifier. (317B) furnished for use with the AUTOTAS telephone answering service offering between the electronic concentrator and the traffic director.
 - (D) Type 322 -- Furnished for half-duplex data transmission for an automatic identified outward dialing (AIOD) data channel. For use between a premises PBX (or similar) switching system and a serving office. {1}
 - (E) Type 323 Furnished for use with Centrex (with switching equipment located on SWBT premises) data link consoles. For service between the premises control cabinet and the serving office. {1}
 - (F) Type 342 -- Furnished for data transmission for DATAPHONE Selecta-Station Service {1} use. For service between a Data Station (T) Selector (DSS) and remote station requiring a two-wire interface. {1}
 - (G) Type 343 -- Furnished for data transmission for DATAPHONE Selecta-Station Service {1} use. For service between a Selector (T) Control Unit (SCU) and DSS or between a DSS and remote station requiring a four-wire interface. {1} (T)

Bridging charges per channel bridged apply when three or more voice grade channels, connect at the same location. Bridging charges do not apply to types 315, 317A, 317B, 342 {1}, 343 {1} and Series 600 {1}.

{1} Obsolete -- Applicable to existing installations at existing locations (N for existing customers.

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SERVICES AND RATES

2. Description of Services (Cont'd)

- 2.3 Voice Grade Service Series 300 and 400 (Cont'd)
- 2.3.2 Series 400 local channels are furnished for use as the customer elects and operate within certain technical specifications. The various types and the transmission characteristics of local channels which are offered for termination at a premises for connection to only customer-provided terminal equipment and systems are as set forth following:
 - (A) Type 420 -- A four-wire interface with four-wire facilities engineered for a 1000 Hz net loss of 16 dB. Normally suitable for use as a full duplex data channel. (1)
 - (B) Type 422 -- A two-wire interface with effective two-wire facilities engineered for a 1000 Hz net loss of 16 dB. Normally suitable for use as a half-duplex data channel. {1}
 - (C) Type 423 -- A two-wire interface with effective two-wire facilities engineered for a 1000 Hz net loss of 10 dB for two-point service and up to 20 dB for multipoint service. Normally suitable for use as a voice channel. {1}
 - (D) Type 424 -- A two-wire or four-wire interface with effective four-wire facilities engineered to VNL design specification for tie line use. Normally suitable for use as a tie line between two premises PBXs (or similar) switching systems.
 - (E) Type 425 -- A four-wire interface with four-wire facilities engineered for a 1000 Hz net loss of 16 dB. Normally suitable for use as a voice channel.
 - (F) Type 428 -- A two-wire interface with effective two-wire facilities engineered for a 1000 Hz net loss of VNL +4 dB. Normally suitable for use as a main or extension station of a premises PBX (or similar) switching system. Additional signaling arrangements may be required.
 - (G) Type 435 -- A two-wire interface with four-wire facilities engineered for a 1000 Hz net loss of 16 dB. Normally suitable for use as a multipoint voice channel where two-way communications are required.

Signaling options required to arrange Series 400 channels for suitable signaling are available at charges specified in Section 2 of this tariff. The application of signaling options currently provided to arrange Series 400 on premises, same building and additional point of termination services has been obsoleted to existing installations at existing locations for existing customers.

{1} Type 420 through Type 423 local channels are not suitable for, nor can they be used for switching and/or tandem operations to the public switched network or other private line services.

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- 2. Description of Services (Cont'd)
- Voice Grade Service Series 300 and 400 (Cont'd)
- 2.3.2 (Cont'd)
 - (G) (Cont'd)

Bridging charges per channel bridged apply when three or more voice grade channels connect at the same location.

Customers must insure that neither direct transmitted signal nor reflected signal energy is allowed to violate interconnection protection criteria and regulations as set forth in the Regulations section of this tariff.

Specifications of net loss (or gain) refer to the requirement of the total channel offering, not the individual local channel. Gains or losses present in CPE have not been included.

Parameters and specifications for two-point service used with customer-provided station equipment are as follows: Speech application specifications and limits apply to all local channels 2.3.3 except Type 420 and 422. Data application specifications and limits apply only to Types 420 and 422. Parameters and specifications for Types 342 and 343 are provided in Bell System Technical Reference PUB 41014.

Basic Parameters

Specification or limit

Net loss

Local channels used with customer-provided station equipment -- Limit as specified in standard Bell System design practices and/or Technical References. The specifications of net loss or gain refer to the requirements of the total channel service offering, not the individual local or interoffice channel. Losses or gains present in CPE have not been included.

DC resistance

Local channels used with customer-provided station equipment. Limit as specified in standard Bell System design practices and/or Technical References. Does not imply or guarantee end to end DC continuity.

Frequency error

+ 5 Hz

Frequency response

300-3000 Hz, -3 dB to +12 dB 500-2500 Hz, -2 dB to +8 dB ("+" means loss and "-" means gain)

Envelope delay

For speech application, not controlled. For AIOD Application, less than 1750 microseconds, 800-2600 Hz.

Distortion

For data application, less than 1000 microseconds, 1000-2400 Hz; less than 1750 microseconds, 800-2600 Hz.

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Description of Services (Cont'd)

2.3 Voice Grade Service - Series 300 and 400 (Cont'd)

2.3.3 (Cont'd)

Basic Parameters Specification Or Limit -13 dBmO 1000 Hz For speech application, 20 dB. test signal to C-notched noise ratio For data application, 24 dB. Impulse noise For speech application, 90 counts in 15 minutes at a threshold of 1 dB below a -13 dBmO rms 1000 Hz test signal. For data application, 15 counts in 15 minutes at a threshold of 6 dB below a -13 dBmO rms 1000 Hz test signal. Phase jitter For speech application, 18 degrees peak to peak. For data applications, 10 degrees peak to peak. Non-linear For speech application, 20 dB. distortion signal to 2nd order distortion For data application, 25 dB. Signal to 3rd For speech application, 25 dB.

2.3.4 Multipoint

order distortion

SWBT will provide bridging equipment in service offices and primary serving offices to provide multipoint service. Bridging charges apply per channel (interoffice channel, local channel and interexchange channel) in offices where three or more channels are bridged. Bridging charges do not apply to Foreign Exchange, Foreign Serving Office and Type 315, 317A, 317B, 342 {1}, 343 {1} and Series 600 {1}. See 2.3.5(K) for intraexchange charges and 2.3.6(H) for interexchange charges.

For data application, 30 dB.

Standard bridging equipment will be provided unless the customer specifies another bridging arrangement.

The following restrictions are applicable to multipoint service: channel is limited to no more than five (5) points and/or 4000 circuit miles on two-wire services and no more than 20 points and/or 4000 circuit miles on four-wire circuits. These restrictions do not apply to one-way simultaneous transmission from a master station to all other stations such as broadcast type multipoint service. The transmission parameters specified in 2.3.3, preceding, are not applicable.

{1} Obsolete -- Applicable to existing installations at existing locations for existing customers.

(T)

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Description of Services (Cont'd)

Voice Grade Service - Series 300 and 400 (Cont'd)

2.3.5 Rates - Intraexchange

(A) Local channel, each, per termination on a premises.

						y Rate	Service			
					First	Add'l	Charge		Class of	
					1/4 Mile	1/4 Mile	{1}	USOC	<u>Service</u>	
Tyme	314B				\$29.85	\$ 9.25	\$174.60	1LTBY {10}	FPSVL	(T)
	314C				0.00	0.00	174.60	1LTCY	FPSVL	(1)
Type	315	•	•	•	5.15	4.15	174.60	1LLRY {2}		
Type	212	•	•	•				()	EXCHANGE	
	317A		•	•	10.20	5.10	174.60	1LJKY	FPSVL	
	317B	•		•	10.20	5.10	174.60	1LJJY	FPSVL	
Type	322				34.25	14.40	174.60	1L6QY {11}	DATYL	(T)
Type	323				17.10	7.35	174.60	1L6RY {11}	DATYL	1
Type	342				8.95	3.90	87.30	1L6EY {11}	DS5CL	
Type					25.25	7,80	87.30	1L6FY {11}	DS5DL	(†)
Type					17.10	7.35	87.30	1LMDY {3}	PVLCL	,
Type	422				17.10	7.35	87.30	1LMFY 4	PVLEL	
Type					7.00	3.60	87.30	1LMGY {5}	PVLFL	
Type					13.75	7.90	87.30	1LMHY {6}{	10 PVLGL	(T)
Type					12.40	7.80	87.30	1LMJY {7}`	PÝLHL	
Type	428				8.90	3.90	87.30	1LMKY {8}	PVLLL	
Type	435				18.35	7.80	87.30	1LMMY {9}	PVL5L	

Footnotes:

Charge applies per point of termination.

{1} {2} {3} Obsolete USOC (1LLHY).
Obsolete USOC (1L6CY) - Additional USOC (1LM4Y).
Obsolete USOC (1L6AY).

{4} 5} Obsolete USOCs (1LLUY) (1LPAY) (1L1OY) (1L3AY) - Additional USOCs (1LM2Y) (1LM3Y).

{6} 7} 8} Obsolete USOC (1LTAY).

Additional USOC (225).
Obsolete USOCs (1LLJY) (1LVDY).
Obsolete USOCs (1LPWY) (1L1MY) (1L3WY).

When service terminates in a SmartTrunk Interface, a Local Channel charge will not apply for that location. All other appropriate circuit charges specified in this tariff will apply to the remainder of the circuit.

{11} Obsolete -- Applicable to existing installations at existing locations (N) for existing customers. (N) President - Texas Division Southwestern Bell Telephone

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- Description of Services (Cont'd)
- Voice Grade Service Series 300 and 400 (Cont'd)
- 2.3.5 Rates - Intraexchange (Cont'd)
 - Interoffice channel all 300 and 400 Series, each V&H 1/4 mile, per channel

Monthly Rate	Service <u>Charge</u>	USOC		
\$ 2.00	\$ 0.00	1LMFS	{1 }	{2}

Interoffice channel terminal, each (two required per interoffice channel)

	Monthly Rate	Service <u>Charge</u>	USOC	Class of Service
Type 314B	\$ 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	\$ 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	PMN4B PMN4C PMN17 PMNB7 PMN22 { 9 } PMN23 { 9 } PMN42 { 9 } PMN43 { 9 } PMNCL { 3 } PMNCL { 4 } PMNFL { 6 } PMNFL { 6 } PMNHL { 7 } PMN5L { 8 }	FPSVL FPSVL FPSVL FPSVL DATYL (T) DATYL (T) DS5CL DS5CL (T) PVLCL PVLEL PVLFL PVLFL PVLFL PVLHL PVLHL PVLSL
Foreign Serving Office	0.00	0.00	PMNFS	EXCHANGE

(T) Footnotes:

Additional USOCs (1LLBS) (1LTBS).

Obsolete USOCs (1LJKS) (1LPJS) (1L1OS) (1L3AS) (1L6BS) (1L6DS) (1LVDS).

Obsolete USOC (PMN3A). Obsolete USOC (PMN3B). Obsolete USOC (PMN11).

Obsolete USOC (PMN4A).
Obsolete USOC (PMN12) (PMNDL).
Obsolete USOC (PMN20).

123456789 Obsolete -- Applicable to existing installations at existing locations (N)(N) for existing customers.

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- 2. Description of Services (Cont'd)
- 2.3 Voice Grade Service Series 300 and 400 (Cont'd)
- 2.3.5 Rates Intraexchange (Cont'd)
 - (D) Each additional point of termination of a local channel in different building, same premises (1) {5}

		Monthly	Rate				
		Each 1/10 Mile	Minimum Charge	Service Charge		<u>USOC</u>	Class of Service
Туре	420	\$ 1.20	\$ 4.65	\$ 87.30	{3}	1LMDK {6}	PVLCL
Type	422	1.20	4.65	87.30	{3}	1LMFK (7)	PVLEL
Type	423	1.20	4.65	87.30	{3}	1LMGK {8}	PVLFL
Type	425	1.20	4.65	87.30	{3}	1LMJK	PVLHL
Type	435	1.20	4.65	87.30	{3}	1LMKK	PVL5L

(E) Each additional point of termination of a local channel in same building {1} {5}

	Monthly Rate	Service Charge	<u>usoc</u>	Class of Service
Туре 420	\$ 2.35	\$ 87.30 {3}	MUXD3 {10}	PVLCL
Type 422	2.35	87.30 {3}	M8XF3 {11}	PVLEL
Type 423	2.35	87.30 {3}	M8XG3 {12}	PVLFL
Туре 425	2.35	87.30 (3)	MUXJ3	PVLHL
Type 435	2.35	87.30 (3)	M8XK3 {13}	PVL5L

(F) Different buildings, same premises channels {5}.

	Monthly	Rate			
	Each 1/10 Mile	Minimum Charge	Service <u>Charge</u>	<u>USOC</u>	Class of Service
Type 420 . Type 422 . Type 423 . Type 424 . Type 425 .		\$ 4.65 4.65 4.65 4.65 4.65	\$ 87.30 {3} 87.30 {3} 87.30 {3} 87.30 {3} 87.30 {3}	1LMDE (14) 1LMFE (15) 1LMGE (16) 1LMHE (17) 1LMJE	PVLCL PVLEL PVLFL PVLGL PVLHL
Extension Line {2}{4}	1.20	0.00	0.00	1LLBE {18}	EXCHÂNGE

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- 2. Description of Services (Cont'd)
- Voice Grade Service Series 300 and 400 (Cont'd) 2.3
- 2.3.5 Rates - Intraexchange (Cont'd)

Footnotes:

- {1} Additional points of termination do not apply for Types 314B, 342, 343, 424 and 428.
- {2} In connection with residence service, no mileage applies for extension stations serving the same domestic establishment where the locations are within the base rate area; no charge is applicable for the first 1/10 mile when locations are outside the base rate area. In connection with business service, no charge is applicable for the first 1/10 mile.

Charge applies per point of termination.

- Extension Line service includes Type 315 and Type 428 channel services.
- Obsolete Applicable to existing installations at existing locations for existing customers. This service may be retained or discontinued per the FCC's Report and Order in CC Docket No. 88-57 (Refer to Section 1, Sheet 4.1, Par. 1.4.7). No charge is applied if the facilities used by the customer are entirely located on the customer's side of a demarcation point and/or are part of premises wiring.

(N)

(N)

- Additional obsolete USOC (1L6DK).
 Additional obsolete USOC (1L6BK).
 Additional obsolete USOCs (1LPJK) (1L1OK) (1L3AK) (1LLUK). 8 }
- Additional obsolete USOCs (1LPWK) (1L1MK) (1L3WK). 9}
- 10}
- 11}
- Additional obsolete USOC (MUX).
 Additional obsolete USOC (M8X).
 Additional obsolete USOCs (2SE) (M8X) (NMG). 12}
- 13} Additional obsolete USOC (M8X23).
- 14}
- 15
- Additional obsolete USOC (1L6DE).
 Additional obsolete USOC (1L6BE).
 Additional obsolete USOCs (1LLUE) (1LPJE) (1L10E) (1L3AE). 16}
- 17 Additional obsolete USOC (1LTBE).
- Additional obsolete USOCs (1LVDE) (1LLUE) (1LLUE) (1LVJE) (1LLU1). [18]

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- 2. Description of Services (Cont'd)
- 2.3 Voice Grade Service - Series 300 and 400 (Cont'd)
- Rates Intraexchange (Cont'd) 2.3.5
 - (G) Same building channels {4}

	Monthly Rate	Service Charge	USOC	Class of <u>Service</u>
Type 420 Type 422 Type 423 Type 424 Type 425	\$ 4.65	\$ 87.30 {3}	1LMDB {5}	PVLCL
	4.65	87.30 {3}	1LMFB {6}	PVLEL
	4.65	87.30 {3}	1LMMB {7}	PVLFL
	4.65	87.30 {3}	1LMHB {8}	PVLGL
	4.65	87.30 {3}	1LMJB	PVLHL

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(H) Each additional point of termination in the same building for (H) and (I), preceding. $\{1\}$ $\{2\}$ $\{4\}$

				nthly ate	 ervice narge		USOC	Class of <u>Service</u>
				\$ 2.35	\$ 87.30 87.30	{3}	DUXD3 {9}	PVLCL
Type				2.35	87.30	{3}		PVLEL
Type	423			2.35	87.30	{3}	J5YG3 {11}	PVLFL
Type				2.35	87.30	{3}	DUXJ3 `	PVLHL

(I) Bridging charges (multipoint service)

	Monthly Rate	Service Charge	USOC	Class of Service
Per channel bridged	\$ 12.15	\$ 0.00	BQ7	PVL++

- {1} Limited to a maximum of three additional points of termination per same premises channels.
- Additional points of termination do not apply for Types 342, 343 and {2} 424.

Charge applies per point of termination.

Obsolete - Applicable to existing installations at existing locations for existing customers. No charge is applied if the facilities used by ${3}$ the customer are entirely located on the customer's side of a demarcation point and/or are part of premises wiring.

Additional obsolete USOC (1L6DB).

Additional obsolete USOC (1L6BB) (29H) (1L3AB).

Additional obsolete USOC (1LTDB) (N)

{5} {6} {7}

Additional obsolete USOC (1LTBB). Additional obsolete USOC (DUX). 8 }

- Additional obsolete USOC (J5Y).
- Additional obsolete USOC (EZ6) (4SE) (J5Y).

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- 2. Description of Services (Cont'd)
- 2.3 Voice Grade Service - Series 300 and 400 (Cont'd)
- 2.3.6 Rates - Interexchange Intralata Service (Cont'd)
 - (A) Local channel, each, per termination on a premises

		ly Rate	Service	Class	
	First 1/4 Mile	Additional 1/4 Mile	Charge	of <u>USOC</u> <u>Service</u>	
Type 314B	\$29.85	\$ 9.25	\$174.60	1LTBY {10} FPSVS (7	T)
Type 314C	0.00	0.00	174.60	1LTCY FPSVS	
Type 317A	10.20	5.10	174.60	1LJKY FPSVS	
Type 317B	10.20	5.10	174.60	1LJJY FPSVS	
Type 322	34.25	14.40	174.60	1L60Y {11} DATYS {	T}
Type 342	8.95	3.90	87.30	1L6EY {11} DS5CS	Ĩ,
Tŷpe 343	25.25	7.80	87.30	1L6FY {11} DS5DS {	Τ̈́}
Type 420	17.10	7.35	87.30	1LMDY {2} PVLCS	,
Type 422	17.10	7.35	87.30	1LMFY {3} PVLES	
Type 423	7.00	3.60	87.30	1LMGY {4} PVLFS	
Type 424	13.75	7.90	87.30	1LMHY{5}{10}PVLGS (T)
Type 425	12.40	7.80	87.30	1LMJY`´` PVLHS	
Type 428	8.90	3.90	87.30	1LMKY {6} PVLLS	
Type 435	18.35	7.80	87.30	1LMMY {7} PVL5S	

(B) Interoffice channel, each V&H 1/4 mile per channel

Monthly Rate	Service Charge {1}	USOC	Class of <u>Service</u>
\$ 2.85	\$ 0.00	1LMFS {8}{9}	

(T)

Footnotes:

- Charge applies per point of termination. Obsolete USOCs (1L6CY) (1LLCY). {1}
- {2}
- 3}
- Obsolete USOCs (1L6AY) (1LLDY).
 Obsolete USOCs (1LPAY) (1L10Y) (1L3AY) (1LLBY). 4567
- Obsolete USOC (1LTAY).
- Obsolete USOCs (1LPRY) (1LVRY).
 Obsolete USOCs (1LPWY) (1L1MY) (1L3WY) (1LLFY).
- Additional USOCs (1LHBS) (1LTBS).
 Obsolete USOCs (1LJKS) (1LPJS) (1L3AS) (1L6BS) (1L1OS) (1LVRS) (1L6DS). {8} {9}
- When service terminates in a SmartTrunk Interface, a Local Channel charge will not apply for that location. All other appropriate circuit charges specified in this tariff will apply to the remainder of the circuit.
- Obsolete -- Applicable to existing installations at existing locations (N) {11} (N) for existing customers.

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SERVICES AND RATES

- 2. Description of Services (Cont'd)
- 2.3 Voice Grade Service - Series 300 and 400 (Cont'd)
- 2.3.6 Rates Interexchange IntraLATA Service (Cont'd)

		Monthly Rate	Service Charge	USOC	Class of <u>Service</u>
(C)	<pre>Interoffice channel terminal, each (two required per interoffice channel)</pre>				
	Type 314B	\$ 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	\$ 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	PMN4B PMN4C PMN17 PMNB7 PMN22 {8} PMN23 {8} PMN42 {8} PMN42 {8} PMNEL {1} PMNEL {2} PMNFL {3} PMNFL {4} PMNHL PMNHL {5} PMNSL {6}	FPSVS FPSVS FPSVS FPSVS FPSVS FPSVS DATYS DATYS DS5CS DS5DS DS5DS (T) PVLCS PVLES PVLES PVLES PVLHS PVLHS PVLLS PVLLS EXCHANGE
(D)	Bridging charge, (multipoint service), per local channel or interoffice channel			(-)	
	<pre>bridged</pre>	\$ 10.85 11.70	\$ 0.00 0.00	BQ7 {7} BQ71X	

Footnotes:	(T)

- 1 2 3 4 5 6 7

- Obsolete USOC (PMN3A).
 Obsolete USOC (PMN3B).
 Obsolete USOC (PMN11).
 Obsolete USOC (PMN4A).
 Obsolete USOCs (PMN2S) (PMNDS).
 Obsolete USOC (PMN2O).
 Additional USOC (BQ7AL).
 Obsolete -- Applicable to existing installations at existing locations (N) for existing customers. {8}
 - for existing customers.

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SERVICES AND RATES

Description of Services (Cont'd)

Voice Grade Service - Series 300 and 400 (Cont'd)

2.3.6 Rates - Interexchange (Cont'd)

(T)

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(E) Each additional point of termination of a local channel in different building, same premises. {1} {3}

				Monthly Each 1/10 Mile	Rate Minimum Charge	Service Charge {2}	USOC	Class of <u>Service</u>
Type	420			\$1.20	\$4.65	\$87.30	1LMDK {4}	PVLCS
Type	422			1.20	4.65	87.30	1LMFK {5}	PVLES
Type	423			1.20	4.65	87.30	1LMGK {6}	PVLFS
Type					4.65	87.30	1LMJK {7}	PVLHS
Type	435		,	1.20	4.65	87.30	1LMKK `	PVL5S
Exter	nsion	1						
Line				1.20	4.65	0.00	1LLBK	EXCHANGE

(F) Each additional point of termination of a local channel in same building. {1} {3}

					Monthly Rate	Service Charge {2}	USOC		Class of Service
Туре	420				\$2.35	\$87.30	MUXD3	{8}	PVLCS
Type	422				2.35	87.30	M8XF3	{9}	PVLES
Type	423				2.35	87.30	M8XG3	{10}	PVLFS
Type	425				2.35	87.30	MUXJ3	. ,	PVLHS
Type	435				2.35	87.30	M8XK3	{11}	PVL5S

(N)

(N)

^{1} Additional points of termination do not apply for Types 314B, 342, 343, 424 and 428.

Charge applies per point of termination.

Obsolete - Applicable to existing installations at existing locations for existing customers. This service may be retained or discontinued per the FCC's Report and Order in CC Docket No. 88-57 (Refer to Section 1, Sheet 4.1, Par. 1.4.7). No charge is applied if the facilities used by the customer are entirely located on the customer's side of a demarcation point and/or are part of premises wiring.

Obsolete USOC (1L6DK).
Obsolete USOC (1L6BK).
Obsolete USOCs (1LPJK) (1L3AK) (1L1OK).
Obsolete USOCs (1LPWK) (1L1MK) (1L3WK). 5

^{8} Obsolete USOC (MUX).

⁽⁹⁾

Obsolete USOC (M8X).
Obsolete USOCs (2SE) (M8X). [10]

Obsolete USOC (M8X23).

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SERVICES AND RATES

- 2. Description of Services (Cont'd)
- 2.3. Voice Grade Service Series 300 and 400 (Cont'd)
- 2.3.6 Rates Interexchange Intralata Service (Cont'd)
 - (G) Interexchange channel
 - Schedule 1 (Applies between two category "A" primary serving offices)

Mileage		USOC		
0 to 200/4 miles	\$	0.90	For each 1/4 mile	1LHU4
201/4 to 600/4 miles		180.00	Plus \$0.55 for each 1/4 mile over 200/4 miles	1LHU4
Over 600/4 miles		400.00	Plus \$0.45 for each 1/4 mile over 600/4 miles	1LHU4

- Schedule 2 (Applies between a category "A" and category "B" primary serving office)

Mileage		<u>USOC</u>		
0 to 200/4 miles	\$	1.45	For each 1/4 mile	1LHV4
201/4 to 600/4 miles		290.00	Plus \$0.95 for each 1/4 mile over 200/4 miles	1LHV4
Over 600/4 miles		670.00	Plus \$0.55 for each 1/4 mile over 600/4 miles	1LHV4

- Schedule 3 (Applies between two category "B" primary serving offices)

<u>Mileage</u>		USOC		
0 to 200/4 miles	\$	1.75	For each 1/4 mile	1LHW4
201/4 to 600/4 miles		350.00	Plus \$1.20 for each 1/4 mile over 200/4 miles	1LHW4
Over 600/4 miles		830.00	Plus \$0.75 for each 1/4 mile over 600/4 miles	1LHW4

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(T)

(N) (N)

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SERVICES AND RATES

Description of Services (Cont'd)

2.3 Voice Grade Service - Series 300 - and 400 (Cont'd)

Rates - Interexchange IntraLATA Service (Cont'd)

Monthly Service Class of

		Rate	Charge (1)	USOC	Service
	ange channel (two required exchange				
Type 314C Type 317A Type 317B Type 322 Type 342 Type 343 Type 420 Type 422 Type 423 Type 424 Type 425 Type 428 Type 435 Foreign E Between 0 to 7	xchange exchanges miles apart exchanges	\$ 7.80 50.15 18.20 18.20 57.70 2.25 5.60 3.70 4.65 6.60 4.20 6.50 2.65	0.00	P1NH1 P1NJ1 P1NK1 P1NK1 P1NM1 {7} P1NO1 {7} P1NO1 {1} P1NP1 {2} P1NR1 {2} P1NS1 {3} P1NT1 {4} P1NU1 P1NV1 {5} P1NW1 {6}	FPSVS FPSVS FPSVS FPSVS FPSVS DATYS (T) DS5CS DS5DS (T) PVLCS PVLES PVLES PVLFS PVLFS PVLGS PVLHS PVLLS PVLLS PVLLS PVLLS PVLLS PVLS
	miles apart	33.15	0.00	P1NF4	EXCHANGE

(T) Footnotes:

{1}

Obsolete USOC (P1NC1).
Obsolete USOC (P1NE1).
Obsolete USOC (P1NA1).
Obsolete USOC (P1NG1).
Obsolete USOCs (P1NB1) (P1ND1). 2

4 5 6 7 Obsolete USOC (P1NL1). Obsolete -- Applicable to existing installations at existing locations

for existing customers.

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SERVICES AND RATES

2. Description of Services (Cont'd)

2.3 Voice Grade Service - Series 300 and 400 (Cont'd)

(T (T

2.3.7 Conditioning Options - Available for Types 314C, 343 {1}, 420 and 422

(A) The types and description of the available conditioning options are as follows:

Type C - Conditioning provides assured transmission quality for frequency response and envelope delay distortion as specified below:

Type C1 - For a two-point or multipoint channel -- the envelope delay distortion shall not exceed: between 1000 and 2400 Hz, a maximum difference of 1000 microseconds.

-- the loss deviation with frequency (from 100 Hz, reference) shall not exceed:
between 1000 and 2400 Hz, -1 dB to +3 dB.
between 300 and 2700 Hz, - 2 dB to +6 dB.
("+" means loss, "-" means gain)

Type C2 - For a two-point or multipoint channel
-- the envelope delay distortion shall not exceed:
 between 1000 and 2600 Hz, a maximum difference of 500 microseconds.
 between 600 and 2600 Hz, a maximum difference of 1500 microseconds.
 between 500 and 2800 Hz, a maximum difference of 3000 microseconds.

-- frequency response shall not exceed: between 500 and 2800 Hz, -1 dB to +3 dB. between 300 and 3000 Hz, -2 dB to +6 dB. ("+" means loss, "-" means gain)

(D)

 $\{1\}$ Obsolete -- Applicable to existing installations at existing locations (N) for existing customers.

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SERVICES AND RATES

- Description of Services (Cont'd) 2.
- Voice Grade Service Series 300 and 400 (Cont'd) 2.3
- Conditioning Options Available for Types 314C, 343, 420 and 422 2.3.7
 - (A) (Cont'd)

Trunks

-- the envelope delay distortion shall not exceed: between 1000 and 2600 Hz, a maximum difference of 80 microseconds. between 600 and 2600 Hz, a maximum difference of 260 microseconds. between 500 and 2800 Hz, a maximum difference of 500 microseconds.

-- frequency response shall not exceed: between 500 and 2800 Hz, -0.5 dB to +1 dB. between 300 and 3000 Hz, -0.8 dB to +2 dB. ($\pi + \pi$ means loss, $\pi - \pi$ means gain)

Conditioning per these specifications limited to interexchange or local access line between the customer's station and the switching center.

Type C4 - For a two-point or three-point

-- the envelope delay distortion shall not exceed: 300 between 1000 and 2600 Hz, a maximum difference of microseconds. between 800 and 2800 Hz, a maximum difference of 500 microseconds. between 600 and 3000 Hz, a maximum difference of 1500 microseconds.

-- frequency response shall not exceed: between 500 and 3000 Hz, -2 dB to +3 dB. between 300 and 3200 Hz, -2 dB to +6 dB. ("+" means loss, "-" means gain)

NOTE: On a three-point channel, conditioning per above specifications is applicable only between one station (that designated by the customer as the control point) and each of the other two stations.

Type C5 - For a two-point channel

the envelope delay distortion shall not exceed: between 1000 and 2600 Hz, a maximum difference of 100 microseconds. between 600 and 2600 Hz, a maximum difference of 300 microseconds. between 500 and 2800 Hz, a maximum difference of 600 microseconds.

-- frequency response shall not exceed: between 300 and 3000 Hz, -1.0 dB to +3.0 dB. between 500 and 2800 Hz, -0.5 dB to +1.5 dB. $(^{n+m}$ means loss, $^{n-m}$ means gain)

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SERVICES AND RATES

2. **Description of Services** (Cont'd)

Voice Grade Service - Series 300 and 400 (Cont'd) 2.3

Signal to third order distortion

- Conditioning Options Available for Types 314C, 343 [1], 420 and 422 2.3.7 (Cont'd)
 - (Cont'd) (A)

Type D1 - High performance data conditioning for a two-point channel not arranged for switching {2} (T) -- Signal to C-notched noise ratio 28 dB -- Non-linear distortion: Signal to second order distortion 35 dB

40 dB

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(T)

When the channel equipped with this conditioning is used for voice communications, SWBT does not undertake to represent nor guarantee that the channel will be suitable for such transmission.

Obsolete -- Applicable to existing installations at existing locations (N) {1} (N)for existing customers.

Available only where facilities and conditions permit. {2}

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SERVICES AND RATES

2. Description of Services (Cont'd)

Voice Grade Service - Series 300 and 400 (Cont'd)

Conditioning Options - Available for Types 314C, 343 {1}, 420 and 422 (Cont'd) 2.3.7

(B) Rates

	Monthly Rate	Service <u>Charge</u>	USOC		
Type C1					
Two-point not arranged for switching, per station	\$ 10.15	\$ 72.75	P2W		
Two-point arranged for switching to another two-point channel, per station	18.35	72.75	P2X		
Multipoint channel, per station	20.30	72.75	P3G		
Type C2					
Two-point not arranged for switching, per	40.50	90.95	P3HC2		
Two-point arranged for switching, per station	60.85	90.95	P3J		
Multipoint channel, per station	60.85	90.95	PH9		

(D)

(D)

Obsolete -- Applicable to existing installations at existing locations {1} for existing customers.

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SERVICES AND RATES

2. Description of Services (Cont'd)

Voice Grade Service Series 300 and 400 (Cont'd)

Conditioning Options - Available for Types 314C, 343 {1}, 420 and 422 (T) 2.3.7 (Cont'd)

(B) Rates (Cont'd)

	Monthly Rate	Service <u>Charge</u>	USOC	
Type C4				
Two-point channel, per station	\$ 70.95	\$123.65	P4G	
Three-point channel, per station	91.20	123.65	6DU	
Type C5				
On a two-point channel not arranged for switching, per station	101.35	123.65	UHD	
Type D1 {2}			(7	[]
Two-point channel not arranged for switching, per station	12.15	90.95	QHA	

Obsolete -- Applicable to existing installations at existing locations {1}

for existing customers.

Available only where facilities and conditions permit. {2}

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SERVICES AND RATES

- 2. Description of Services (Cont'd)
- 2.3 Voice Grade Service Series 300 and 400 (Cont'd)
- 2.3.8 Foreign Exchange and Foreign Exchange Centrex (with switching equipment located on SWBT premises) station service.
 - (A) This service is furnished to a maximum of two exchanges (in addition to the exchange in which the exchange service is furnished). The exchange service connection is provided from one exchange only.
 - (B) Service is furnished on the condition that additional costs to SWBT may be necessary to provide a type of signaling suitable for operation with the exchange from which service is furnished, or to provide, at the customer's request, a type of signaling other than the type SWBT would elect to furnish. In such cases, additional charges shall apply.
 - (C) Customers, for the exchange portion of the service, are subject to exchange charges and regulations; and for the private line portion of the service, are subject to the private line charges and regulations in this tariff.
 - (D) Off-premises extensions are provided only where facilities and conditions permit.
 - (E) The term "foreign exchange" refers to any telephone exchange other than the one from which the local customer is normally served. Foreign exchange service uses a private line circuit to connect the distant primary serving office (PSO) telephone number location to a PSO of another exchange where service is to be terminated at a customer location. Interexchange channel mileage and channel terminal charges as specified in 2.3.6(H) and 2.3.6(G) of this tariff are applicable for this portion of the circuit. In addition, interexchange interoffice channel mileage and channel terminal charges as specified in 2.3.6(B) and 2.3.6(C) of this tariff may be applicable. End user common line (EUCL) and TOUCH-TONE line charges are not applicable. No charge applies for a primary directory listing. A point of termination charge as specified in (F), following, is applicable. Local channel charges apply for all main and extension channels as specified in (F), following. Charges apply per minute of local exchange access use as specified in (F), following. Long distance message telecommunication service charges apply for telecommunications between station numbers in different local service areas.